

CERTIFICATE OF ANALYSIS

PRODUCT: **Camptothecin, 10-Hydroxy**
[10-Hydroxycamptothecin; (S)-4-Ethyl-4,10-dihydroxy-1H-pyrano[3',4':6,7]indolizino[1,2-b]quinoline-3,14(4H,12H)-dione]
C₂₀H₁₆N₂O₅, M.W. 364.4, CAS# [64439-81-2]

PRODUCT NUMBER: H-1132

LOT NUMBER: D1141

APPEARANCE: Pale yellow solid

SOLUBILITY: Soluble in DMSO

PURITY (TLC): ≥98%

MELTING POINT: 272°C

PRODUCT DESCRIPTION: A potent cytotoxic agent, which inhibits DNA topoisomerase I, induces strand breaks in chromosomal DNA and induces apoptosis. DNA topoisomerase I inhibitor. Induces differentiation in HL-60 cells at 1-10 nM. Induces apoptosis in human breast cancer cell lines MCF-7 and MDA-MB-468. The product is not sterile.

STORAGE & HANDLING: Store desiccated at -20°C.

CAUTION: For laboratory research & scientific manufacturing use only. Not for human or drug use. The pharmacological and toxicological properties of this product have not been fully investigated. Use caution when handling. Do not use this compound if you are not fully trained or are unaware of the hazards involved.

Verified:

